June 2008



DEPARTMENT OF EDUCATION

2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine. gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron

Commissioner of Education

Susan A. Lendron



School Report Grade 6

Test Date: Marc

Code: 12181944

SAU: MSAD 24

School: Gateway Elementary School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

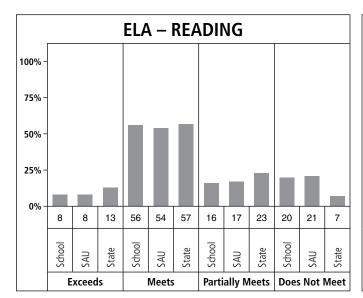
Grade:

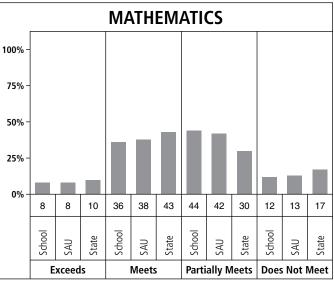
SAU: MSAD 24

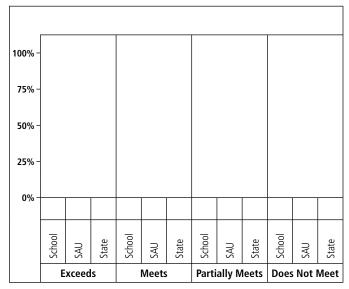
School: Gateway Elementary School

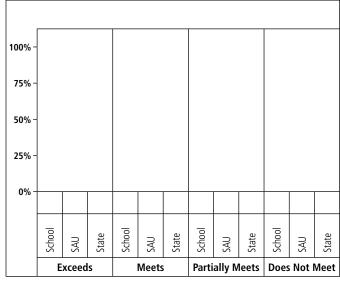
Summary of School, SAU, and State Scores

Year	Avera	age Scaled :	Score
ieai	School	SAU	State
ELA – Reading 2005–2006 2006–2007 2007–2008 Cum. Avg.*	643	640 634 643 639	644 646 648 646
Mathematics 2005–2006 2006–2007 2007–2008 Cum. Avg.*	643	639 636 643 639	641 643 642 642









^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008

Grade:

SAU: MSAD 24

School: Gateway Elementary School

		En	rol	lme	nt¹								C	ON.	ΤΕΙ	T	AR	EΑ	PA	RT	ICI	PA	ΓΙΟ	N ²				
CATEGORY OF	c	during	j test	ing v	vindo	w			ELA-F	Readin	g				Mathe	matics	3											
PARTICIPATION	Sc	hool	S	AU	Sta	ate	Sc	hool	s	AU	St	ate	Sch	ool	S	AU	St	ate	Sch	ool	SA	AU	St	ate	Sc	hool	SAU	State
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n %	n %
Total number of students	28	100	27	100	14365	100	28	100	27	100	14266	99	28	100	27	100	14268	99										
Ethnicity African American/Black	0	0	0	0	418	3	0	0	0	0	407	97	0	0	0	0	413	99										
American Indian or Native Alaskan	1	4	1	4	111	1	1	100	1	100	110	99	1	100	1	100	110	99										
Asian or Pacific Islander	0	0	0	0	249	2	0	0	0	0	249	100	0	0	0	0	248	100										
Hispanic	0	0	0	0	149	1	0	0	0	0	147	99	0	0	0	0	147	99										
Caucasian/White	27	96	26	96	13438	94	27	100	26	100	13353	100	27	100	26	100	13350	100										
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Identified disability	3	11	3	11	2518	18	3	100	3	100	2479	99	3	100	3	100	2479	99										
Current LEP	9	32	8	30	349	2	9	100	8	100	339	97	9	100	8	100	344	99										
Economically disadvantaged	15	54	14	52	5335	37	15	100	14	100	5277	99	15	100	14	100	5279	99										
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100										

MODE OF		ELA-Read	ng		Mathematic	s						
	School	SAU	State	School	SAU	State	School	SAU	State	School	SAU	State
PARTICIPATION ³	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %	n %
Participation without accommodations	25 89	24 89	11613 81	25 89	24 89	11626 81						
Identified disability (PET/IEP)	0 0	0 0	373 3	0 0	0 0	373 3						
LEP	9 36	8 33	187 2	9 36	8 33	187 2						
504 plan	0 0	0 0	149 1	0 0	0 0	150 1						
Participation with accommodations	0 0	0 0	2451 17	0 0	0 0	2446 17						
Identified disability (PET/IEP)	0 0	0 0	1909 78	0 0	0 0	1910 78						
LEP	0 0	0 0	142 6	0 0	0 0	152 6						
504 plan	0 0	0 0	85 3	0 0	0 0	84 3						
Other	0 0	0 0	350 14	0 0	0 0	335 14						
Participation through alternate assessment (PAAP)	3 11	3 11	197 1	3 11	3 11	196 1						
Identified disability (PET/IEP)	3 100	3 100	197 100	3 100	3 100	196 100						
LEP	0 0	0 0	5 3	0 0	0 0	5 3						
504 plan	0 0	0 0	0 0	0 0	0 0	0 0						
Approved non-participation in reading – 1st year LEP	0 0	0 0	5 0									
Approved non-participation – special consideration	0 0	0 0	24 0	0 0	0 0	24 0						
Non-participation – other	0 0	0 0	75 1	0 0	0 0	73 1						

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Test Date: March 2008

Grade:

SAU: MSAD 24

School: Gateway Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		Sch	ool	SA	AU	Sta	ate
The quality of a student's work at each achievement level reflects progress in attaining Maine Level Expectations in English language arts – reading.	's Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 661–680)	2005-2006 2006-2007 2007-2008 Cum. Total*	2	8	0 1 2 3	0 4 8 4	1176 1132 1817 4125	8 8 13 10
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 641–660)	2005-2006 2006-2007 2007-2008 Cum. Total*	14	56	18 7 13 38	50 29 54 45	7612 8127 8072 23811	51 57 57 55
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 629–640)	2005-2006 2006-2007 2007-2008 Cum. Total*	4	16	9 7 4 20	25 29 17 24	4080 3549 3194 10823	27 25 23 25
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 600–628)	2005-2006 2006-2007 2007-2008 Cum. Total*	5	20	9 9 5 23	25 38 21 27	2005 1478 981 4464	13 10 7 10

		nber	A	verage Poir	nts Attaine	d (Number	and Percer	ıt)
Learning Results Content Standard Cluster		oints sible	Sch	ool	SA	ΑU	Sta	ite
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	29.3	52.3	29.3	52.3	32.7	58.4
Literary Text	28	50	13.8	49.3	13.8	49.3	16.3	58.2
Informational Text	28	50	15.5	55.4	15.5	55.4	16.5	58.9

The Maine Learning Results reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine's 1997 Learning Results, which can be found at http://www.maine.gov/education/lsalt/gles.htm.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008

Grade: 6

SAU: MSAD 24

School: Gateway Elementary School

						· nool							SA	U					Sta	ate		
REPORTING CATEGORIES	Tested		E		M		P		D	Mean Scaled	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	25	2	8	14	56	4	16	5	20	643	24	8	54	17	21	643	14064	13	57	23	7	648
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 1 0 0 24 0	2	8	13	54	4	17	5	21	643	0 1 0 0 23 0	9	52	17	22	643	399 108 247 145 13165 0	7 4 16 8 13	47 54 60 45 58	28 32 20 34 22	17 10 4 14 7	642 643 650 643 648
Identified disability Yes No	0 25	2	8	14	56	4	16	5	20	643	0 24	8	54	17	21	643	2282 11782	2 15	29 63	42 19	27 3	636 650
Current LEP Yes No	9 16	1 1	11 6	4 10	44 63	2 2	22 13	2 3	22 19	642 644	8 16	13 6	38 63	25 13	25 19	641 644	329 13735	4 13	44 58	30 23	22 7	640 648
Economically disadvantaged Yes No	12 13	1 1	8 8	6 8	50 62	2 2	17 15	3 2	25 15	642 644	11 13	9	45 62	18 15	27 15	642 644	5153 8911	6 17	51 61	31 18	12 4	643 650
Migrant Yes No	0 25	2	8	14	56	4	16	5	20	643	0 24	8	54	17	21	643	7 14057	14 13	57 57	14 23	14 7	648 648
Gender Female Male Not Reported	17 8 0	1 1	6 13	11 3	65 38	3	18 13	2 3	12 38	645 640	16 8 0	6 13	63 38	19 13	13 38	645 640	6967 7097 0	16 9	59 56	20 26	5 9	650 646
Title 1A targeted program Yes No	0 25	2	8	14	56	4	16	5	20	643	0 24	8	54	17	21	643	1186 12878	6 14	41 59	42 21	11 7	642 648
Gifted/talented program Yes No	0 25	2	8	14	56	4	16	5	20	643	0 24	8	54	17	21	643	557 13507	50 11	48 58	2 24	0 7	661 647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: MSAD 24

Gateway Elementary School School:

					Sch	ool							SA	U					Sta	te		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	VI		P	ı	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	300.0	%	%	%	%	%	30010	%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 43 48 9	2 0 0	20 0 0	6 6 1	60 55 50	0 2 1	0 18 50	2 3 0	20 27 0	647 640 642	0 45 50 5	20 0 0	60 55 0	0 18 100	20 27 0	647 640 640	6 56 34 3	7 13 15 9	43 58 60 46	30 23 20 29	20 6 5 16	641 648 649 643
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	52 48 0 0	0 2	0 18	6 7	50 64	2 1	17 9	4 1	33 9	638 649	55 45 0	0 20	50 60	17 10	33 10	638 649	40 48 9 3	17 12 7 3	60 59 45 31	19 23 34 37	5 6 15 29	650 648 643 637
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	43 48 9 0	2 0 0	20 0 0	7 5 1	70 45 50	1 2 0	10 18 0	0 4 1	0 36 50	650 638 640	41 50 9 0	22 0 0	67 45 50	11 18 0	0 36 50	651 638 640	28 54 16 2	26 9 3	58 61 48 37	11 24 37 39	4 6 13 23	653 647 642 637
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	5 86 9	0 1 1	0 5 50	1 10 1	100 53 50	0 3 0	0 16 0	0 5 0	0 26 0	646 642 652	5 86 10	0 6 50	100 50 50	0 17 0	0 28 0	646 642 652	15 66 18	10 13 15	48 59 58	27 22 20	15 5 7	644 649 649
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	0 61 39	1 1	7 11	9 4	64 44	1 2	7 22	3 2	21 22	644 642	0 64 36	7 13	64 38	7 25	21 25	644 642	9 54 36	2 9 21	37 59 60	37 26 15	23 6 4	638 647 652
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	35 61 4	1 1 0	13 7 0	5 8 0	63 57 0	0 3 0	0 21 0	2 2 1	25 14 100	645 644 628	36 59 5	13 8 0	63 54 0	0 23 0	25 15 100	645 644 628	46 50 3	13 14 5	56 60 46	24 21 30	7 6 20	648 649 641
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	30 43 13 13	1 1 0 0	14 10 0 0	4 5 2 2	57 50 67 67	0 3 0	0 30 0	2 1 1 1	29 10 33 33	645 644 640 641	27 45 14 14	17 10 0 0	50 50 67 67	0 30 0	33 10 33 33	645 644 640 641	19 51 12 18	19 15 9 4	58 60 56 50	17 20 26 34	6 5 9 13	651 649 646 643
Optional school/SAU question A. B. C. D.	0 0 0 100	0	0	1	100	0	0	0	0	654	0 0 0 100	0	100	0	0	654						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards N = Number



MATHEMATICS RESULTS

Test Date: March 2008

Grade: 6

SAU: MSAD 24

School: Gateway Elementary School

STUDENTS AT EACH ACHIEVEMENT LEVEL

						1	
ACHIEVEMENT LEVEL DEFINITIONS		Sch	nool	SA	AU	Sta	te
The quality of a student's work at each achievement level reflects progress in attaining Maine's Level Expectations in mathematics.	s Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 661–680)	2005-2006 2006-2007 2007-2008 Cum. Total*	2	8	2 2 2 6	6 8 8 7	1463 2092 1474 5029	10 15 10 12
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 641–660)	2005-2006 2006-2007 2007-2008 Cum. Total*	9	36	14 8 9 31	39 33 38 37	5914 5731 6008 17653	40 40 43 41
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 627–640)	2005-2006 2006-2007 2007-2008 Cum. Total*	11	44	11 7 10 28	31 29 42 33	4494 4175 4244 12913	30 29 30 30
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 600–626)	2005-2006 2006-2007 2007-2008 Cum. Total*	3	12	9 7 3 19	25 29 13 23	3014 2308 2346 7668	20 16 17 18

	1	nber	Avera	ge Point	s Attaine	d (Numbe	er and Pe	rcent)
Learning Results Content Standard Clusters		oints sible	Sch	iool	SA	AU	St	ate
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	19	34	9.2	48.4	9.4	49.5	9.6	50.5
Cluster 2: Shape and Size	15	27	7.2	48.0	7.2	48.0	8.1	54.0
Cluster 3: Mathematical Decision Making	7	13	4.8	68.6	4.9	70.0	4.2	60.0
Cluster 4: Patterns	15	27	8.0	53.3	8.1	54.0	7.5	50.0

Cluster 1: Numbers and Operations

- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size

- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making

- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns

- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

^{*}Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008

Grade: 6

SAU: MSAD 24

School: Gateway Elementary School

	School											State										
REPORTING CATEGORIES					JCI				D Mean				SAU						J	110	į	\top
	Tested N		E		М		P		D		Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score
		N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	25	2	8	9	36	11	44	3	12	643	24	8	38	42	13	643	14072	10	43	30	17	642
Ethnicity African American/Black American Indian or Native Alaskan Asian or Pacific Islander Hispanic Caucasian/White Not Reported	0 1 0 0 24 0	2	8	9	38	10	42	3	13	643	0 1 0 0 23 0	9	39	39	13	644	409 108 247 145 13163 0	4 6 13 9 11	26 26 50 32 43	35 39 25 34 30	35 29 13 25 16	632 635 646 638 643
Identified disability Yes No	0 25	2	8	9	36	11	44	3	12	643	0 24	8	38	42	13	643	2283 11789	2 12	18 48	31 30	49 10	627 645
Current LEP Yes No	9 16	1	11 6	2 7	22 44	5 6	56 38	1 2	11 13	642 644	8 16	13 6	25 44	50 38	13 13	643 644	339 13733	5 11	22 43	32 30	41 16	631 643
Economically disadvantaged Yes No	12 13	1 1	8 8	3 6	25 46	6 5	50 38	2	17 8	641 645	11 13	9 8	27 46	45 38	18 8	641 645	5160 8912	4 14	34 48	36 27	26 11	636 646
Migrant Yes No	0 25	2	8	9	36	11	44	3	12	643	0 24	8	38	42	13	643	7 14065	0	57 43	43 30	0 17	641 642
Gender Female Male Not Reported	17 8 0	1	6 13	6 3	35 38	9 2	53 25	1 2	6 25	642 645	16 8 0	6 13	38 38	50 25	6 25	643 645	6974 7098 0	10 11	43 42	31 30	16 17	642 642
Title 1A targeted program Yes No	0 25	2	8	9	36	11	44	3	12	643	0 24	8	38	42	13	643	1192 12880	4 11	23 44	43 29	30 15	634 643
Gifted/talented program Yes No	0 25	2	8	9	36	11	44	3	12	643	0 24	8	38	42	13	643	557 13515	53 9	42 43	4 31	0 17	663 641

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 6

SAU: MSAD 24

School: Gateway Elementary School

4	School										SAU						State						
QUESTIONNAIRE ITEMS		Students School																					
		E		М		Р		Sc		Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	
	%	N	%	N	%	N	%	N	%	30010	%	%	%	%	%	Jeore	%	%	%	%	%	1	
How much homework do you do on school nights? A. none	0										0						6	6	33	31	31	635	
B. less than one hour	43	2	20	2	20	5	50	1	10	646	45	20	20	50	10	646	56	11	43	30	16	643	
C. one to two hours	48	0	0	6	55	3	27	2	18	641	50	0	55	27	18	641	34	11	45	30	14	644	
D. more than two hours	9	0	0	0	0	2	100	0	0	634	5	0	0	100	0	638	3	6	33	32	28	636	
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics	57	2	15	4	31	5	38	2	15	645	55	17	33	33	17	646	45	14	47	28	11	646	
class.														į				''		•			
B. They match some of what I have learned.	39 0	0	0	4	44	5	56	0	0	641	41 0	0	44	56	0	641	43 9	8	43	33	17	641 635	
C. They match just a little of what I have learned. D. There is no match.	4	0	0	0	0	0	0	1	100	626	5	0	0	0	100	626	3	6 5	30 15	33 25	32 54	626	
Which of the following best describes how you rate yourself as a										020						020				20		020	
student in mathematics?	35	2	25	2	25	3	38	1	13	650	36	0.5	05	38	13	650	29	24	51	17	8	651	
A. very good B. good	43	0	0	5	50	4	40		10	640	36 45	25 0	25 50	40	10	640	48	6	45	33	16	641	
C. fair	13	0	Ö	1	33	1	33	1	33	637	14	Ö	33	33	33	637	19	1	29	42	28	634	
D. poor	9	0	0	0	0	2	100	0	0	632	5	0	0	100	0	634	3	0	15	41	44	627	
How difficult was the mathematics part of this test?				_		_						_					l	_					
A. harder than my regular schoolwork B. about the same as my regular schoolwork	26 61	0 2	0 14	3 4	50 29	3 6	50 43	0 2	0 14	642 643	27 59	0 15	50 31	50 38	0 15	642 644	24 62	5 9	38 45	33 31	24 14	638 643	
C. easier than my regular schoolwork	13	0	0	1	33	1	33	1	33	638	14	0	33	33	33	638	14	26	43	20	12	650	
How hard did you try on the mathematics part of this test?																							
A. I tried harder on this test than I do on my regular schoolwork.	43	1	10	5	50	3	30	1	10	646	45	10	50	30	10	646	48	10	41	32	17	642	
B. I tried about the same as I do on my regular schoolwork.	52 4	1 0	8	2	17 100	7	58 0	2	17 0	639 644	50 5	9	18 100	55 0	18 0	640 644	49 3	12 9	45 33	28 27	15	644 637	
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	"	'	100	0	U	0	U	644	5	0	100	U	. 0	644	3	9	33	2/	32	637	
How often do you use hands-on materials in mathematics class? A. almost every day	26	1	17	2	33	2	33	1	17	645	27	17	33	33	17	645	17	8	39	30	22	639	
B. two or three days a week	39	1	11	4	44	4	44	0	0	646	41	11	44	44	0	646	34	11	44	31	14	643	
C. two or three times each month	22	0	0	0	0	3	60	2	40	630	23	0	0	60	40	630	31	12	44	29	15	644	
D. never or almost never	13	0	0	2	67	1	33	0	0	645	9	0	100	0	0	653	18	10	42	31	18	642	
How often do you use calculators in mathematics class?	40	2	07	0		1	00	0		665		67		33		665	.	11	07	29	00	641	
A. almost every day B. two or three days a week	13 26	0	67 0	3	0 50	2	33 33	1	0 17	640	14 27	0	0 50	33	0 17	640	11 32	11	37 44	30	23 15	643	
C. two or three times each month	48	0	0	4	36	6	55	1	9	639	50	0	36	55	9	639	32	11	45	30	15	643	
D. never or almost never	13	0	0	1	33	1	33	1	33	637	9	0	50	0	50	641	26	9	40	32	19	641	
On average, how many minutes a day do you spend working on mathematics in class?																							
A. less than 30 minutes	0	_			00		67			640	0		00	67		640	7	6	29	33	32	635	
B. 30–45 minutes C. 45–60 minutes	14 27	0	0 17	1 2	33	2 2	67 33	0	0 17	643 645	14 29	0 17	33 33	67 33	0 17	643 645	37 42	8 13	39 47	34 28	20 12	640 645	
D. more than 60 minutes	59	1	8	4	31	6	46	2	15	641	57	8	33	42	17	642	15	12	46	27	15	644	
Optional school/SAU question									İ					İ	İ								
A. ·	0										0												
B. C.	0										0												
D.	100	0	0	1	100	0	0	0	0	648	100	0	100	0	0	648							
			1		į.				1					!	1				i	1			

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

 $\mathbf{N} = \text{Numbe}$